

--21. The method of claim 2, wherein the promoter is participatory.--

--22. The method of claim 2, wherein the promoter is non-participatory.--

--23. The method of claim 21, wherein the participatory promoter is selected from the group consisting of basic calcium phosphates, acidic calcium phosphates, crystalline hydroxyapatite, phosphate salts and calcium salts.--

--24. The method of claim 22, wherein the non-participatory promoter is selected from the group consisting of heat, nucleation agents and catalysts.--

--25. A method for embedding a prosthetic device, comprising:
introducing a prosthesis at an implant site;
applying hydrated precursor to a surface of the prosthesis, the hydrated precursor comprising an amorphous calcium phosphate and a promoter, whereby the hydrated precursor is converted at the implant site to a hardened poorly crystalline apatitic calcium phosphate and the poorly crystalline apatitic calcium phosphate is resorbed and replaced thereby with bone.--

--26. A prosthetic device, comprising:
a prosthesis locatable at a bone site; and
a strongly resorbable, synthetic poorly crystalline apatitic calcium apatite in the form of a powder, paste or putty in surface contact with the prosthesis at the bone site, the poorly crystalline apatitic calcium phosphate characterized in that upon resorption, it is replaced by bone.--

Remarks

Claims 1-20 are pending in the above identified application; and claims 17-20 have been withdrawn from consideration due to a restriction requirement. Claims 1 and 2 have been amended; and claims 21 - 26 have been newly added. Claims 1-16 stand rejected under 35 U.S.C. §112, second paragraph, and under 35 U.S.C. §103. A Petition accompanies this response to extend the period of response up to and including November 15, 1997. It is submitted that this response is timely filed. Applicants respectfully request reconsideration of the claims as pending.